

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

1-35. (Cancelled)

36. (Currently Amended) A method for healing of burn wounds in an individual using a skin graft ~~without the occurrence of scarring~~, the method comprising topically applying erythropoietin (EPO) administering to said individual EPO, EMP, or NESF to said skin graft or to said wound and then applying said skin graft to said wound.

37-38. (Cancelled)

39. (Currently Amended) The method according to Claim 36, characterized in that the ~~EPO, EMP, or NESF~~ has additional glycosylation sites compared with the EPO native growth factor.

40. (Currently Amended) The method according to Claim 36, characterized in that the ~~EPO, EMP, or NESF~~ is conjugated with polyethylene glycol ~~PEG~~.

41. (New) A method for healing of dermal wounds in an individual, the method comprising mechanically debriding the wound bed, and then introducing EPO into the blood coagulum.

42. (New) The method according to Claim 41, characterized in that the EPO has additional glycosylation sites compared with the EPO.

43. (New) The method according to Claim 36, characterized in that the EPO is conjugated with polyethylene glycol.

44. (New) The method according to Claim 36, characterized in that the EPO is introduced into the blood coagulum by topical administration.